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Transplacental Effects of Nitrosocompounds.

The investigators are analyzing the transplacental carcinogenic effects of nitrosocompounds in inbred strains of mice and rabbits. These effects depend greatly upon the hereditary differences in susceptibility or resistance of pregnant mothers and embryos, and the stage of fetal (organ) development. Examples are the transplacental induction of primary renal tumors in rabbits, the transplacental effects of diethylnitrosamine in mice as related to strain of mice (genotype) and day(s) of administration during pregnancy, etc.

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